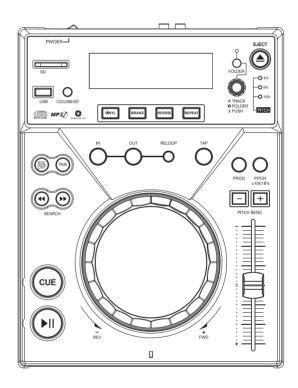
# CD400-USB CD/USB/SD/MP3 PLAYER USER'S MANUAL





# CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK) THERE ARE NO SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lighting flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (serviving) instructions in the literature accompanying the appliance.

### WARNING:

- 1. Placing a disc with excessive downward force may damage the loader,invalidating the warranty.
- To reduce the risk of fire or electrical shock,do not expose this appliance to rain or moisture. Electrical equipment should NEVER be kept or stored in damp Environments.

### DANGER:

Invisible laser radiation when open and interlock failed or defeated void direct exposure to beam.

### **CAUTION:**

This product utilizes a laser. Use of controls or adjustments other than those specified here in may result in hazardous radiation exposure.

# CAUTIONS REGARDING HANDLING

### Location

Install the player in a well-ventilated location where it will not be exposed to high temperatures or humidity.

Do not install the player in a location which is exposed to direct sunlight, or near stoves or radiators. Excessive heat can adversely affect the cabinet and internal components. Installation of the player in a damp or dusty environment may aiso result in a malfunction and can be hazardous. Avoid installation near cookers etc., where the player may be exposed to oily smoke, steam or heat.

### Installation Guidelines

- Placing and using the compact disc player for long periods on heat-generating sources such as amplifiers or near spotlights, etc. will affect product performance. Avoid placing the player on heatgenerating sources.
- Install this compact disc player as far as possible away from tuners and TV sets. A compact disc player installed in close proximity to such equipment may cause noise or degradation of the picture.
- Noise may be noticeable when an indoor antenna is used. In such cases, make use of an outdoor antenna or turn off power to the compact disc player.
- When the unit is used in a loud-sound environment, e.g., near a speaker, sound skip may occur. Install the unit away from the speaker or reduce the listening volume.
- · Place this unit on a level surface and

- a stable platform.
- Be sure the player, including its audio and power supply cords, does not touch vibrating materials. Any cause of vibration other than the insulators may cause the disc to skip. Take special care when using the player while it is installed in a carrying case.

# Cleaning the Player

To clean the PLAYER wipe with a polishing or a soft, dry cloth. For stubborn dirt, moisten a soft cloth with a weak solution of neutral detergent (diluted in five to six parts water), wringthe cloth well, and wipe away the dirt. Use a dry cloth to wipe the surface dry. Do not use volatile liquids such as benzene or thinner which will damage the unit

### **CD Lens Cleaner**

The player's pickup lens should not become dirty in normal use. If for some reason, the lens becomes soiled and malfunctions, contact your nearest SOUNDSATION authorized service center. Lens cleaners for CD players are commercially available, but special care should be exercised in their use as some may cause damage to the lens.

# **Storing Discs**

 Discs are made of the same kinds of plastic used for conventional analog audio records. Be careful not to allow discs to warp. Always store discs in their cases vertically, avoiding locations with high heat, humidity, or

# CAUTIONS REGARDING HANDLING

- extremely low temperatures. Avoid leaving discs in cars; the interior of a car in direct sunlight can become extremely hot.
- Always read and abide by the precautionary notes listed on disc labels.

### Condensation

When this unit is brought into a warm room from previously cold surroundings or when the room temperature rises sharply, condensation may form inside the unit and impair its performance. In such cases, allow the unit to stand for about an hour or raise the room temperature gradually.

# Cleaning and Handling Compact Discs

 The presence of fingerprints or smudges on the surface of the disc will not directly affect the recorded signals, but, depending on the degree of contamination, the brightness of the light reflected from the signal surfaces may be reduced causing degradation of sound quality. Always keep your discs clean by wiping them gently with a soft cloth from the inner edge toward the outer edge.



 If a disc becomes very dirty, dampen a soft cloth with water, (be sure to wring it out well) and wipe the away dirt

- gently. Remove any water drops with another soft, dry cloth.
- Do not use record cleaning sprays or anti-static agents on discs. Never clean discs with benzene, thinner, or other volatile solvents or damage to the disc surface may result.
  - With this player, use only those discs which display the mark shown right (Optical audio digital discs).
  - SACD hybrid discs cannot be played.





- When holding discs, do not touch their signal surfaces. Hold by the edges, or by one edge and the center hole.
- Do not affix gummed labels or tape to the disc surface. Also, do not scratch or damage the label.
- Discs rotate at high speeds inside the player. Do not use damaged, cracked or warped discs.







Do not play a CD with a special shape Do not play a CD having other shape than a circular disc, such as heart shaped disc. Otherwise malfunction may occur.





# **USABLE DISCS AND USB DEVICES**

# **About discs**

This unit can play the discs shown below.

Туре	Mark <sup>①</sup>	Compatible formats
CD	COMPACT COMPACT DIGITAL AUDIO	Music CD (CD-DA)
CD-R	COMPACT CISC DIGITAL AUDIO Recordable	• Music CD (CD-DA) • MP3
CD-RW	COMPACT CISC DIGITAL AUDIO ReWritable	• Music CD (CD-DA) • MP3

① Discs on which the marks on this table are indicated on the disc label, package or jacket can be played.

## Discs that cannot be played

- DTS-CD
- · Photo CDs
- · Video CDs
- · CD Graphics (CD-G) discs
- Unfinalized CDs
- DVD

# About CD-R/-RW discs

Music files (MP3) recorded on CD-R/-RW discs can be played.

Folder layers	Max. 8 levels (files in folders beyond the 8th level cannot be played)		
Max. number of folders	99 folders		
Max. number of files	999 files		

When there are many folders or files, some time may be required for loading.

### About discs created on computers

Depending on the application settings and the computer's environmental settings, it may not be possible to play certain discs. Record the disc in a format supported on this unit. For details, contact your application's retailer. If the recording quality is poor due to the disc's properties, scratches or dirt on the disc or dirt on the recording lens, it may not be possible to play the disc.

# Creating backup discs

When CD-R/-RW discs are paused or left in the pause mode at cue points for long periods of time, it may become difficult to play the disc at that point, due to the properties of the disc. Also, when a specific point is looped repeatedly an extremely large number of times, it may become difficult to play that point.

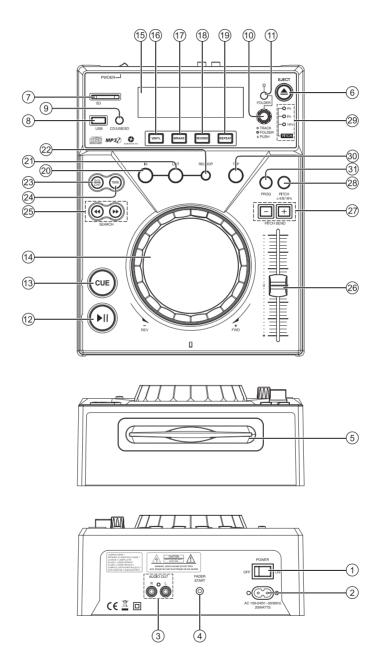
When playing valuable discs, we recommend making backup discs.

# About Copy Control CDs and DualDiscs

This unit is designed to CD standards. Operation and performance of discs with standards other than CD standards is not guaranteed.

### About 8 cm single CDs

8 cm single CDs cannot be played on the CD400-USB. Do not mount 8 cm adapters on CDs and play them on the CD400-USB. The adapter could fall off as the disc spins, damaging the disc or the player.



#### 1. POWER switch

Turn the machine on and off with this button. The unit should always be shut down with this button first before any external power is removed. Typically it is recommended that the CD player is powered on before amplifiers and powered off after amplifiers.

### 2. Power plug connector

Plug your supplied power cord in here.

### 3. AUDIO OUT connectors

Connect your CD player to your mixer from this line level output.

### 4. FADER START connectors

When the accessory control cord is use to connect it thru the corresponding relay connector on a DJ mixer, the DJ mixer can be used to control the CD player for fader start play and back cue.

### 5. CD drawer

Place your CDs you wish to play in here. This unit is designed to play commercially available CDs, MP3 CDs and properly burned and finalized CD-Rs. Due to variances on the specification of certain CD burners and CDs, some homemade CDs may not play properly. We recommend burning CDs at the minimum speed possible for the best performance.

### 6. Eject

Pressing will open or close the disc tray on the transport.

### 7. SD card slot

For insertion of an SD card

# 8. USB port

For connecting a USB storage medium.

#### 9. CD/USB/SD button

By pressing this button repeatedly, you can select the playback source CD drive/USB interface/SD card reader.

### 10. Rotary dial

As track selection function, choosing one scale clockwise will play the next track while selecting one scale counterclockwise will play the last track, when select the encoder, It will affect only by pressing the encoder within 3 seconds, otherwise the previous operation will be cancelled.

### 11. FOLDER button

Pressing this button, led lights will be on , rotary dial is the folder selection function, selecting one scale clockwise will be the next folder while selecting one scale counterclockwise will be the last folder. When select the encoder, it will affect by pressing the encoder within 3 seconds, otherwise the previous operation will be cancelled

#### 12. PLAY / PAUSE button

Plays or pauses the track. (Note: When paused, pressing PLAY will only set a new cue point if the JOG WHEEL has been moved.)

# 13. CUE button

During playback, pressing CUE will return to the most recent point where playback was started and will pause the track. Holding down CUE will start playback from this point, and releasing CUE will cause it to return to that point and will pause the track. Also, if the track is paused, you can use the JOG WHEEL to locate a new cue point.

### 14. Jog wheel

The jog wheel allows you to create scratch effects, to fast-forward or rewind within a track and to mokify the playback speed.

If you have already pressed the VINYL(16) button (button is lit up in blue), you can create scratch effects in pause and playback mode by moving the jog wheel forwards and backwards. Turn the jog wheel clockwise to fast-forward within the track. Turn the jog wheel anti-clockwise to rewind within the track. The faster you turn the jog wheel, the faster the track will skip forwards/backwards.

If the MINYL button is not activated (button is not lit up), you can use the jog wheel in pause mode to fast-forward or rewind the track. In playback mode you can modify the playback speed. Rotate the jog wheel clockwise to increase the speed. Rotate the jog wheel anti-clockwise to decrease the speed.

### 15. Display

The display shows the most important settings and data to be played.

### 16. VINYL button

Press this button in order to activate the scratch function of the jog wheel(14). The button is lit up in blue.

### 17. BRAKE button

Press this button starts the track at a speed that is slower than normal playback. When you stop the track, the track slows down before playback is stopped completely.

#### 18. REVERSE button

Press this button in order to play the

current track backwards.

#### 19 REPEAT button

Use this button to repeat one track or all the track of the CD.

### 20. IN button

The device allows you to save a"seamless" play loop. For this purpose, the device has the buttons IN (20), OUT (21) and RELOOP (22).
Use the IN button to program the starting point of the play loop.

A detailed description of the LOOP function can be found under "LOOP function" in one of the following chapters in this manual.

#### 21. OUT button

The device allows you to save a "seamless" play loop. For this purpose, the device has the buttons IN (20), OUT (21) and RELOOP (22).

Use the OUT button to program the end point of the play loop or quit the play loop

A detailed description of the "LOOP" function can be found under "LOOP function" in one of the following chapters in this manual.

by pressing it once again.

### 22. RELOOP button

Use this button to play the saved play loop.

A detailed description of the "LOOP" function can be found under "LOOP function" in one of the following chapters in this manual.

### 23. SINGLE/CONTINUE button

Use this button to switch the player between individual SINGLE-track playback and continuous (CONTINUE) track playback.

For single track playback, the device enters pause mode after each track played.

For continuous playback, the device enters pause mode only after playing all tracks.

The playback mode is displayed (15).

### 24. TIME button

This button switches between the display options for the playing time:

Elapsed track time > remaining time of CD > remaining track time

With MP3 files, the total remaining playing time of the CD is not displayed.

## 25. **◄4** / **▶▶** button

Constant press the search button, it will start-up double-quick backwards or forthcome function.

# 26. PITCH slide control

Use the PITCH slide control to change the playback speed.

Slide the control down to increase the playback speed of the track.

Slide the control up to decrease the playback speed.

The percentage of the speed change is displayed (15).

If the slide control is in centre position, playback speed is unchanged.

The slide control only has an effect if the pitch function has been activated using the PITCH (28) button.

### 27. PITCH BEND- / + button

You can use these two pitch bend buttons to temporarily adjust the pitch and tempo of the music.

#### 28 PITCH button

Activates or deactivates the PITCH FADER. You can also hold down this button and press the PITCH BEND -/+ buttons to adjust the range of the PITCH FADER (±4%,8% and 16%). The current range will be indicated on the LCD and by different LED colors.

### 29. LED pitch

It is used to indicate different Pitch range.

### 30. TAP button

Press this button in the rhythm of the music.

The display (15) shows the beats per minute (BPM).

### 31. PROG button

You can program several tracks (20 tracks max.):

- Press the PROG button to enter in the program mode.
- Use the skip track buttons to choose the track you want to listen then press the PROG buton to enter you choice.
- Use one more time the skip track buttons to choose the track you want to listen then press the PROG button to enter you choice.
- Repeat the operation to select all the track you want to listen.
- Press the PLAY/PAUSE button to start the playback.

# **USABLE DISCS AND USB DEVICES**

# About USB devices

This unit supports USB mass storage class USB devices (external hard disks, portable flash memory devices, digital audio players, etc.).

Folder layers	Max. 8 layers
Max. number of folders	99 folders
Max. number of files	999 files (999 files for files not managed by rekordbox)
Supported file systems	FAT16, FAT32 and HFS+ (NTFS is not supported.)

When there are many folders or files, some time may be required for loading.

Folders and files exceeding the limits cannot be displayed.

### USB devices that cannot be used

- Optical disk type devices such as external DVD/ CD drives, etc., are not supported.
- · USB hubs cannot be used.

## Cautions on using USB devices

- Some USB devices may not operate properly. Please note that SOUNDSATION will accept no responsibility whatsoever for loss of data recorded on USB devices.
- It may happen that, when a current above the allowable level is detected in this unit's USB port, the [USB STOP] indicator flashes, the power supply to the USB device is cut off and communications with the USB device are interrupted. To restore normal operation, disconnect the USB device from this unit. Avoid reusing USB devices for which an excess current has been detected. If normal operation is not restored (if communications cannot be established) after the above procedure is performed, try turning off this unit's power then turning it back on.
- If multiple partitions are set for the USB device, the device may not be recognized.
- USB devices equipped with flash card readers may not operate.
- Depending on the USB device you are using, the desired performance may not be achieved.

# PLAYABLE MUSIC FILE FORMATS

This unit supports music files in the formats shown below.

Туре	File extension	Compatible formats	Bit depth	Bit rate	Sampling frequency	Encoding method
MP3	.mp3	MPEG-1	16 bit	32 kbps to 320 kbps	32 kHz, 44.1 kHz, 48 kHz	CBR, VBR

### **About MP3 files**

MP3 files can have a constant bit rate (CBR) or a variable bit rate (VBR). Both types of files can be played on the CD400-USB, but

the search and super fast search functions are slower with VBR files. If your priority is operability, we recommend recording MP3 files in CBR.

# **SPECIFICATIONS**

Anti-Shock buffer memory: 20 seconds
Range of adjustments: +/-4%, 8%, 16%
Power supply: AC 100-240V~50/60Hz

Power consumption: 20W max.

Admissible media: CD, CD-R, MP3-CD, USB, SD, SDHC

Output voltage: 1 VRMS/10 kOhm Frequency response: 20-20000 Hz

Support max HD driver: 320 G

Dimensions: L290XW226XH300mm

W.G.: 2 Kgs

# **INCLUDED ACCESSORIES**

- 1 x Power cable
- 1 x RCA cable
- 1 x ø3.5 fader start cable
- 1 x User manual

### WARRANTY AND SERVICE

All SOUNDSATION products feature a limited two-year warranty. This two-year warranty is specific to the date of purchase as shown on your purchase receipt.

The following cases/components are not covered from the above warranty:

- Any accessories supplied with the product
- Improper use
- Fault due to wear and tear
- Any modification of the product effected by the user or a third party

SOUNDSATION shall satisfy the warranty obligations by remedying any material or manufacturing faults free of charge at SOUNDSATION's discretion either by repair or by exchanging individual parts or the entire appliance. Any defective parts removed from a product during the course of a warranty claim shall become the property of SOUNDSATION.

While under warranty period, defective products may be returned to your local SOUNDSATION dealer together with original proof of purchase. To avoid any damages in transit, please use the original packaging if available. Alternatively you can send the product to SOUNDSATION SERVICE CENTER – Via Enzo Ferrari , 10 – 62017 Porto Recanati - Italy . In order to send a product to service center you need an RMA number. Shipping charges have to be covered by the owner of the product.

For further information please visit <u>www.soundsationmusic.com</u>

### WARNING

# PLEASE READ CAREFULLY - EU and EEA (Norway, Iceland and Liechtenstein) only



This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2202/96/EC) and your national law.

This product should be handed over to a designated collection point, e.g., on an authorized one-forone basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (WEEE) .

Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with WEEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources.

For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service.









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